

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/568,764
Source: IFWP
Date Processed by STIC: 2/28/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/568,764

CRF Edit Date: 3/2/06
Edited by: AS

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

✓ Deleted: ✓ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWP

RAW SEQUENCE LISTING

DATE: 03/02/2006

PATENT APPLICATION: US/10/568,764

TIME: 16:37:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03022006\J568764.raw

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3 <110> APPLICANT: Bayer AG, BHC
5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
Kallikrein 11
6 (KLK11)
8 <130> FILE REFERENCE: Le A 36 873
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/568,764
C--> 10 <141> CURRENT FILING DATE: 2006-02-21
10 <160> NUMBER OF SEQ ID NOS: 5
12 <170> SOFTWARE: PatentIn version 3.1
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 753
16 <212> TYPE: DNA
17 <213> ORGANISM: Homo sapiens
19 <400> SEQUENCE: 1
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21 aggatcatca aggggttcga gtgcaagcct cactcccagc cctggcaggc agccctgttc 120
22 gagaagacgc ggctactctg tggggcgacg ctcatcgccc ccagatggct cctgacagca 180
23 gccactgcc tcaagccccg ctacatagtt cacctggggc agcacaacct ccagaaggag 240
24 gagggctgtg agcagaccgc gacagccact gagtccttcc cccaccccg cttcaacaac 300
25 agcctcccca acaaagacca ccgcaatgac atcatgctgg tgaagatggc atcgccagtc 360
26 tccatcacct gggctgtgcg acccctcacc ctctcctcac gctgtgtcac tgctggcacc 420
27 agctgcctca tttccggctg gggcagcacg tccagccccc agttacgcct gcctcacacc 480
28 ttgcgatgcg ccaacatcac catcattgag caccagaagt gtgagaacgc ctaccccggc 540
29 aacatcacag acaccatggt gtgtgccagc gtgcaggaag ggggcaagga ctctgccag 600
30 ggtgactccg ggggccctct ggtctgtaac cagtctcttc aaggcattat ctctggggc 660
31 caggatccgt gtgcatcac ccgaaagcct ggtgtctaca cgaaagtctg caaatatgtg 720
32 gactggatcc aggagacgat gaagaacaat tag 753
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 250
36 <212> TYPE: PRT
37 <213> ORGANISM: Homo sapiens
39 <400> SEQUENCE: 2
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41 1 5 10 15
42 Gly Gly Glu Thr Arg Ile Ile Lys Gly Phe Glu Cys Lys Pro His Ser
43 20 25 30
44 Gln Pro Trp Gln Ala Ala Leu Phe Glu Lys Thr Arg Leu Leu Cys Gly
45 35 40 45
46 Ala Thr Leu Ile Ala Pro Arg Trp Leu Leu Thr Ala Ala His Cys Leu
47 50 55 60
48 Lys Pro Arg Tyr Ile Val His Leu Gly Gln His Asn Leu Gln Lys Glu
49 65 70 75 80
50 Glu Gly Cys Glu Gln Thr Arg Thr Ala Thr Glu Ser Phe Pro His Pro
51 85 90 95

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DATE: 03/02/2006

PATENT APPLICATION: US/10/568,764

TIME: 16:37:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03022006\J568764.raw

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52 Gly Phe Asn Asn Ser Leu Pro Asn Lys Asp His Arg Asn Asp Ile Met
53          100          105          110
54 Leu Val Lys Met Ala Ser Pro Val Ser Ile Thr Trp Ala Val Arg Pro
55          115          120          125
56 Leu Thr Leu Ser Ser Arg Cys Val Thr Ala Gly Thr Ser Cys Leu Ile
57          130          135          140
58 Ser Gly Trp Gly Ser Thr Ser Ser Pro Gln Leu Arg Leu Pro His Thr
59 145          150          155          160
60 Leu Arg Cys Ala Asn Ile Thr Ile Ile Glu His Gln Lys Cys Glu Asn
61          165          170          175
62 Ala Tyr Pro Gly Asn Ile Thr Asp Thr Met Val Cys Ala Ser Val Gln
63          180          185          190
64 Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Val
65          195          200          205
66 Cys Asn Gln Ser Leu Gln Gly Ile Ile Ser Trp Gly Gln Asp Pro Cys
67          210          215          220
68 Ala Ile Thr Arg Lys Pro Gly Val Tyr Thr Lys Val Cys Lys Tyr Val
69 225          230          235          240
70 Asp Trp Ile Gln Glu Thr Met Lys Asn Asn
71          245          250

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73 <210> SEQ ID NO: 3

74 <211> LENGTH: 20

75 <212> TYPE: DNA

76 <213> ORGANISM: artificial sequence

78 <220> FEATURE:

79 <223> OTHER INFORMATION: forward primer

81 <400> SEQUENCE: 3

82 ggatccagga gacgatgaag

20

84 <210> SEQ ID NO: 4

85 <211> LENGTH: 20

86 <212> TYPE: DNA

87 <213> ORGANISM: artificial sequence

89 <220> FEATURE:

90 <223> OTHER INFORMATION: reverse primer

92 <400> SEQUENCE: 4

93 agtggaaatg gagggatgatg

20

95 <210> SEQ ID NO: 5

96 <211> LENGTH: 24

97 <212> TYPE: DNA

98 <213> ORGANISM: artificial sequence

100 <220> FEATURE:

101 <223> OTHER INFORMATION: probe

103 <400> SEQUENCE: 5

104 tagactggac ccacccacca cagc

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/568,764

DATE: 03/02/2006

TIME: 16:37:11

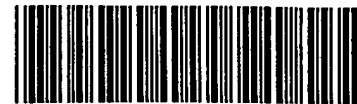
Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03022006\J568764.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing
(for reference only)**



IFWP

RAW SEQUENCE LISTING

DATE: 02/28/2006

PATENT APPLICATION: US/10/568,764

TIME: 13:54:40

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02282006\J568764.raw

3 <110> APPLICANT: Bayer AG, BHC
 5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 Kallikrein 11

6 (KLK11)

8 <130> FILE REFERENCE: Le A 36 873

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/568,764

C--> 10 <141> CURRENT FILING DATE: 2006-02-21

10 <160> NUMBER OF SEQ ID NOS: 5

12 <170> SOFTWARE: PatentIn version 3.1

14 <210> SEQ ID NO: 1

15 <211> LENGTH: 753

16 <212> TYPE: DNA

17 <213> ORGANISM: Homo sapiens

19 <400> SEQUENCE: 1

20 atgaggattc tgcagttaat cctgcttgct ctggcaacag ggcttgtagg gggagagacc 60
 21 aggatcatca aggggttcga gtgcaagcct cactccagc cctggcaggc agccctgttc 120
 22 gagaagacgc ggctactctg tggggcgacg ctcatcgccc ccagatggct cctgacagca 180
 23 gccactgcc tcaagccccg ctacatagtt cacctggggc agcacaacct ccagaaggag 240
 24 gagggctgtg agcagacccg gacagccact gagtccttcc cccaccccgg cttcaacaac 300
 25 agcctcccca acaaagacca ccgcaatgac atcatgctgg tgaagatggc atcgccagtc 360
 26 tccatcacct gggctgtgcg acccctcacc ctctcctcac gctgtgtcac tgctggcacc 420
 27 agctgcctca tttccggctg gggcagcacg tccagccccc agttacgcct gcctcacacc 480
 28 ttgcgatgcg ccaacatcac catcattgag caccagaagt gtgagaacgc ctaccccggc 540
 29 aacatcacag acaccatggt gtgtgccagc gtgcaggaag ggggcaagga ctccctgccag 600
 30 ggtgactccg ggggccctct ggtctgtaac cagtctcttc aaggcattat ctccctggggc 660
 31 caggatccgt gtgcgatcac ccgaaagcct ggtgtctaca cgaaagtctg caaatatgtg 720
 32 gactggatcc aggagacgat gaagaacaat tag 753

34 <210> SEQ ID NO: 2

35 <211> LENGTH: 250

36 <212> TYPE: PRT

37 <213> ORGANISM: Homo sapiens

39 <400> SEQUENCE: 2

40 Met Arg Ile Leu Gln Leu Ile Leu Leu Ala Leu Ala Thr Gly Leu Val
 41 1 5 10 15
 42 Gly Gly Glu Thr Arg Ile Ile Lys Gly Phe Glu Cys Lys Pro His Ser
 43 20 25 30
 44 Gln Pro Trp Gln Ala Ala Leu Phe Glu Lys Thr Arg Leu Leu Cys Gly
 45 35 40 45
 46 Ala Thr Leu Ile Ala Pro Arg Trp Leu Leu Thr Ala Ala His Cys Leu
 47 50 55 60
 48 Lys Pro Arg Tyr Ile Val His Leu Gly Gln His Asn Leu Gln Lys Glu
 49 65 70 75 80
 50 Glu Gly Cys Glu Gln Thr Arg Thr Ala Thr Glu Ser Phe Pro His Pro
 51 85 90 95

Does Not Comply
Corrected Diskette Needed

P.2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/568,764

DATE: 02/28/2006

TIME: 13:54:40

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02282006\J568764.raw

```

52 Gly Phe Asn Asn Ser Leu Pro Asn Lys Asp His Arg Asn Asp Ile Met
53           100           105           110
54 Leu Val Lys Met Ala Ser Pro Val Ser Ile Thr Trp Ala Val Arg Pro
55           115           120           125
56 Leu Thr Leu Ser Ser Arg Cys Val Thr Ala Gly Thr Ser Cys Leu Ile
57       130           135           140
58 Ser Gly Trp Gly Ser Thr Ser Ser Pro Gln Leu Arg Leu Pro His Thr
59 145           150           155           160
60 Leu Arg Cys Ala Asn Ile Thr Ile Ile Glu His Gln Lys Cys Glu Asn
61           165           170           175
62 Ala Tyr Pro Gly Asn Ile Thr Asp Thr Met Val Cys Ala Ser Val Gln
63           180           185           190
64 Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Val
65       195           200           205
66 Cys Asn Gln Ser Leu Gln Gly Ile Ile Ser Trp Gly Gln Asp Pro Cys
67       210           215           220
68 Ala Ile Thr Arg Lys Pro Gly Val Tyr Thr Lys Val Cys Lys Tyr Val
69 225           230           235           240
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92 <400> SEQUENCE: 4

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96 <211> LENGTH: 24

97 <212> TYPE: DNA

98 <213> ORGANISM: artificial sequence

100 <220> FEATURE:

101 <223> OTHER INFORMATION: probe

103 <400> SEQUENCE: 5

104 tagactggac ccacccacca cagc

24

W--> 106 Le A 36 873-Foreign Countries

W--> 109 - 2 -

W--> 113 Le A 36 873-Foreign Countries

W--> 116 - 1 -

VERIFICATION SUMMARYPATENT APPLICATION: **US/10/568,764**

DATE: 02/28/2006

TIME: 13:54:42

Input Set : **A:\pto.da.txt**Output Set: **N:\CRF4\02282006\J568764.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:106 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5
L:109 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:113 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5
L:116 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5